

### **Abstract**

Described is an arrangement for sterilizing objects by means of a low-pressure plasma. The arrangement comprises an evacuable chamber for taking up the objects, which evacuable chamber can be connected to a conduit for gas to be ionized. Furthermore, a high frequency transmitting device with an antenna system is provided for inductive generating of an alternating current plasma in the chamber. In accordance with the present invention, the antenna system comprises two plasma generating coils at a distance to one another.